Gobble Wobbler

Use gravity and friction to make a turkey "dance" on a string.

Kit contains:

- 2 paper clips
- 1 piece of yarn
- 1 straw piece
- 1 turkey printout

You will need: scissors and coloring supplies.

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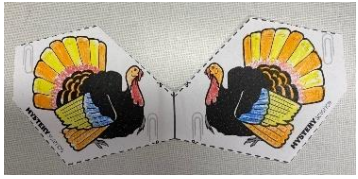
INSTRUCTIONS



(1) Color the picture of the turkey and cut out on the dotted lines. Do NOT cut the solid line in between the two turkeys.

(2) Fold the turkey in half on the solid line. Make sure the edges line up. Then put a paper clip on the paper clip mark by the tail.

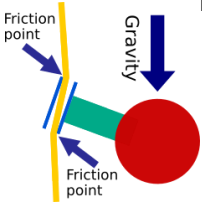
(3) Slide the straw piece in between the folded paper, right next to the crease. Then, put a paper clip on the paper clip mark in front of the turkey.

(4) Slide the yarn through the straw.

(5) If you have someone to help you, they can hold the top of the string. If not, you can tape it to something high enough that the whole string can hang down. Hold the bottom of the string so it is tight. Then, pull your turkey up to the top and let go. He should “dance” and wobble down the string!

What’s Happening?

Gravity pulls the turkey down, but the weight of the turkey makes it tilt, so one side of the straw hits the string. **Friction** stops the turkey from dropping, but only for a moment. The string pushes back on the straw, making it straighten out so the turkey can drop further, and the cycle repeats.

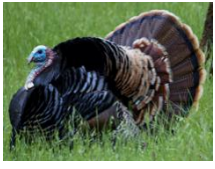


Gobble Wobbler template and concept is from “Mystery Science”:

https://mysteryscience.com/trending/mystery-19/animal-traits-behaviors/468#slide-id-0

TURKEY DANCES

Your Gobble Wobbler "dances" down the string, but did you know real turkeys dance too? Male turkeys have large and colorful feathers. They show off these feathers by puffing up, "strutting," and doing a "dance." They show off for a variety of reasons – to seem attractive to other turkeys or to make themselves look bigger if they're in danger. Watch them here:



https://www.youtube.com/watch?v=xDGCEvdj5GU

BOOKS AND RESOURCES

- *Turkeys* by Kari Scheutz
- *Thanksgiving Turkeys* by Patrick Merrick
- *I'm a Turkey* by Jim Arnosky
- *Gobble Gobble* by Cathryn Falwell